

Converting Colors

$Yxy(42.1327, 0.3036, 0.3062)$

Have a look what the booklet for
Yxy(42.1327, 0.3036, 0.3062)
contains.

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Color

Yxy(42.1038, 0.3041, 0.3065)

Conversions

Conversions Part 1

Format	Color
Hex	B1ABBC
RGB	177, 171, 188
RGB Percent	69%, 67%, 74%
CMY	0.3058, 0.3294, 0.2628
CMYK	0.06, 0.09, 0.00, 0.26
HSL	261°, 11%, 70%
HSV	261°, 9%, 74%
XYZ	41.7741, 42.1038, 53.4917
YIQ	174.7320, -1.8810, 6.5590

Conversions

Conversions Part 2

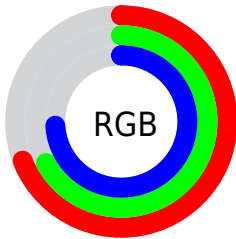
Format	Color
R _Y B	177, 171, 188
Decimal	11643836
CIE Lab	70.94, 5.40, -7.91
CIE LCh	71, 9.579, 304.329
Yxy	42.1038, 0.3041, 0.3065
Android (android.graphics.Color)	4289833916 (0xFFB1ABBC)
YUV	174.7320, 6.5411, 1.9890
Hunter-Lab	64.8874, 1.3641, -3.4561

Details

The Yxy color $42.1038, 0.3041, 0.3065$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $48.8390, 0.3208, 0.3512$, and the grayscale version is $42.6925, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.2480, 0.3061, 0.3105$, and $19.2280, 0.3007, 0.2998$ is the 20% darker color. If you saturate the color by 10%, you get $34.1402, 0.2931, 0.2793$, and if you desaturate by 10%, it is $51.2075, 0.3136, 0.3313$.

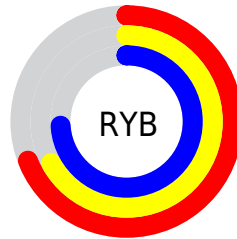
Distribution



Red (69%)

Green (67%)

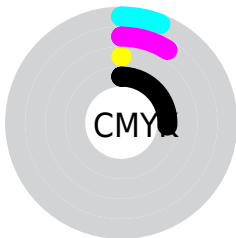
Blue (74%)



Red (69%)

Yellow (67%)

Blue (74%)

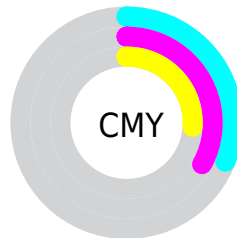


Cyan (6%)

Magenta (9%)

Yellow (0%)

Black (26%)



Cyan (31%)

Magenta (33%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.1038, 0.3041, 0.3065 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 42.1038, 0.3041, 0.3065 by changing the saturation by 10% instead.

■ 42.1038, 0.3041,
0.3065

■ 42.1038, 0.3041,
0.3065

354.9130, 0.3085,
0.3178

■ 29.1826, 0.3030,
0.3037

■ 78.3567, 0.3057,
0.3106

■ 19.2190, 0.3015,
0.3000

102.4572, 0.3063,
0.3122

■ 11.8286, 0.2994,
0.2951

131.0528, 0.3069,
0.3135

■ 6.6271, 0.2965,
0.2883

164.5281, 0.3073,
0.3146

■ 3.2300, 0.2920,
0.2780

203.2674, 0.3077,
0.3156

■ 1.2530, 0.2841,
0.2608

247.6550, 0.3080,

■ 0.1043, 0.2306,

0.3164

0.1041

298.0754, 0.3083,
0.3171

0.0000, 0.0000,
0.0000

42.1038, 0.3041,
0.3065

42.1038, 0.3041,
0.3065

34.1402, 0.2931,
0.2793

51.2075, 0.3136,
0.3313

27.2657, 0.2806,
0.2499

61.4890, 0.3216,
0.3536

21.4331, 0.2666,
0.2190

72.9908, 0.3285,
0.3734

16.5899, 0.2513,
0.1876

85.7518, 0.3343,
0.3910

12.6788, 0.2353,
0.1572

93.2685, 0.3409,
0.3976

■ 9.6363, 0.2192,
0.1293

■ 95.4348, 0.3491,
0.3957

■ 7.3907, 0.2038,
0.1058

■ 96.4101, 0.3526,
0.3949

■ 5.8583, 0.1901,
0.0880

■ 4.8943, 0.1785,
0.0761

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.1038, 0.2927, 0.3061



42.1038, 0.3041, 0.3065



42.1038, 0.3181, 0.3126

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



42.1038, 0.3041, 0.3065



42.1038, 0.3395, 0.3456



42.1038, 0.2948, 0.3351

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



42.1038, 0.3041, 0.3065



48.8390, 0.3208, 0.3512

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



42.1038, 0.3070, 0.3464



42.1038, 0.3041, 0.3065



42.1038, 0.3329, 0.3523

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



42.1038, 0.3041, 0.3065



42.1038, 0.3388, 0.3348



42.1038, 0.3209, 0.3527



42.1038, 0.2874, 0.3223

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



42.1038, 0.3041, 0.3065



42.1038, 0.3270, 0.3190



42.1038, 0.3209, 0.3527



42.1038, 0.2984, 0.3392

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



42.1056, 0.3041, 0.3065



85.9493, 0.3099, 0.3216



45.7595, 0.2989, 0.3211



18.1945, 0.3092, 0.3196



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.1056, 0.3041, 0.3065



73.0575, 0.3019, 0.3009



43.1239, 0.3115, 0.3070



9.3857, 0.3038, 0.3057



3.3160, 0.1787, 0.0758



0.1670, 0.2071, 0.0915

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43.1900, 0.3188, 0.3148



75.4652, 0.3204, 0.3114



47.8460, 0.3138, 0.3517



9.6372, 0.3190, 0.3143



8.2384, 0.4342, 0.2165



0.3347, 0.4005, 0.1980

Previews

White Background



This preview shows how the Yxy color 42.1038, 0.3041, 0.3065 looks on a white background.

Color Contrast Check

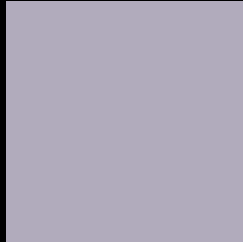
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 42.1038, 0.3041, 0.3065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

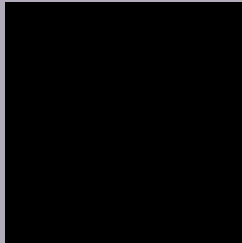
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

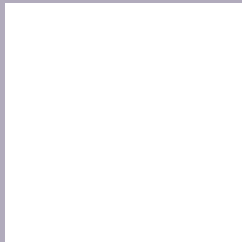
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.1038, 0.3041, 0.3065

Background



This preview shows how black text looks on a background with the Yxy color 42.1038, 0.3041, 0.3065.



This preview shows how white text looks on a background with the Yxy color 42.1038, 0.3041, 0.3065.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

42.1038, 0.3041, 0.3065

Protanopia

41.9498, 0.2989, 0.3062

Deuteranopia

42.1971, 0.3103, 0.3043



Tritanopia

41.9757, 0.3065, 0.3104

Trichromacy



Original Color

42.1038, 0.3041, 0.3065

Protanomaly

42.1778, 0.3007, 0.3064

Deuteranomaly

42.2040, 0.3076, 0.3054

Tritanomaly

42.0181, 0.3057, 0.3091

Monochromacy



Original Color

42.1038, 0.3041, 0.3065

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.7975, 0.3096, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1038, 0.3041, 0.3065 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(177, 171, 188)` looks like.

```
.text, #text, p{  
    color:rgb(177, 171, 188)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(177, 171, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 171, 188) }
```

Border

The CSS property to change the border of an element to Yxy 42.1038, 0.3041, 0.3065 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 171, 188) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(177, 171, 188) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(177, 171, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 171, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 171, 188);  
box-shadow:4px 4px 4px 4px rgb(177, 171,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1038, 0.3041, 0.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 171, 188) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(177,  
171, 188) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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